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RECIP.NAME RECIPIENT AFFILIATION
THOMPSON,H.L. Division of Licensing

SUBJECT: Provides addl info re Generic Ltr 84-09 concerning recombiner requirements of 10CFR50,44,per 850403 telcon.Info includes pneumatic users within primary containment,svc & breathing air during outages & leakage control sys.

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May 1, 1985

Docket Nos. 50-277
50-278

Mr. Hugh L. Thompson, Jr., Director
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Peach Bottom Atomic Power Station, Units 2 & 3 Recombiner Capability Requirements of 10CFR50.44(c)(3)(11)

REFERENCE: S. L. Daltroff (PECo letter to D. G. Eisenhut (NRC) dated July 31, 1984

Dear Mr. Thompson:

The referenced letter provided our response to Generic Letter 84-09 regarding recombiner requirements of 10CFR50.44(c)(3)(11). Information was provided which demonstrated that the Peach Bottom units were in compliance with the specific technical criteria established in the Generic Letter and that recombiner capability was not required.

We have subsequently been requested by the NRC in an April 3, 1985 telephone call to provide additional confirmatory information to aid in the NRC staff's review. This information is provided below:

- Pneumatic users within the primary containment are normally supplied by the Instrument Nitrogen (IN) System as described in section 10.17 of the updated FSAR. This system consists of two full capacity trains of

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compressors, filters, dryers, and receiver tanks. Gases from the containment are compressed and returned as instrument gas, thus maintaining the inert atmosphere of the containment without the need for frequent makeup or purging. The plant Instrument Air System automatically maintains header pressure should the IN pressure drop below a preset value. This action is alarmed in the control room by the low pressure actuation switch. Oxygen concentration is always maintained below 4% in accordance with the Technical Specifications, and the isolation valves in the IN suction and supply lines automatically close upon receipt of a containment isolation signal (high drywell pressure, low reactor water level, etc.). Separate lines are provided as part of IN to supply a safety-grade, long term, backup supply of pneumatic pressure for the operation of the ADS SRV's. This pneumatic supply is from a bank of nitrogen cylinders.

- During outages, Service Air is supplied to the primary containment through a single containment penetration. The manual isolation valves in this line are locked closed during plant operation.

- During outages, Breathing Air is supplied to the Unit 3 primary containment through a single containment penetration. During plant operation, the manual isolation valves in this line are locked closed and a blind flange is installed on the end of the line outside primary containment. A similar penetration is not provided on Unit 2.

- A Leakage Control System is not provided for the MSIV's.

- Inflatable seals are not utilized in the design of the containment air locks.

- There are no primary containment containment penetrations which are pressurized with air. Electrical penetrations are maintained under nitrogen pressure in order to monitor their integrity.

- There are no purge penetrations which are pressurized with air during normal operation or following an accident. Certain lines may at times be pressurized with nitrogen.

Please contact us if further information on this topic is required.

Very truly yours,

cc: Dr. T. E. Murley, Administrator, Region I
T. P. Johnson, Resident Site Inspector